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### Museli: A multi-source evidence integration approach to **topic segmentation** of spontaneous dialogue

upenn.edu [PDF]

J Arguello, C Rosé - ... of the NAACL, Companion Volume: Short ..., 2006 - portal.acm.org
... source **cluster** (state) immediately precedes a contribution assigned to the target **cluster** (state). ...
We cast the **segmentation** problem as a binary classification problem where each contribution ...
classified as NEW_TOPIC if the contribution in- troduces a new **topic** and SAME_TOPIC ...
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### [PDF] A system for the **segmentation** and transcription of Italian radio news

psu.edu [PDF]

F Brugnara, M Cettolo, M Federico, D ... - Proc. of RIAO, Content- ..., 2000 - Citeseer
... The corpus presents variations of **topics**, speakers, channel band (ie studio versus telephone ...
uttered by its dominant speaker, the **clustering** algorithm provided an average **cluster** purity of ...
Table 2: Recall and precision of the **segmentation** algorithm for different time tolerance ...
Cited by 21 - Related articles - View as HTML - All 12 versions

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### Probabilistic approaches to **topic** detection and tracking

T Leek, R Schwartz, S Sista - **Topic** detection and tracking: Event ..., 2002 - books.google.com
... **cluster** is 47% off-**topic**, and 67% recall, meaning that the average **topic cluster** is missing ... 5using
**segmentation** tools for Mandarin built by ourself, previously, and by the LDC ... Probabilistic
Approaches to **Topic** Detection and Tracking 81 Training Translation SYS BBN rel increase ...
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### Unsupervised **topic** identification by integrating linguistic and visual information based on hidden Markov models

upenn.edu [PDF]

T Shibata, S Kurohashi - Proceedings of the COLING/ACL on Main ..., 2006 - portal.acm.org
... are automatically constructed from Web cooking texts (12 million sentences) by **clustering** similar
verb ... 3.1.3 Noun Chaining In text **segmentation** algorithms such as Text- Tiling (Hearst.M ... age are
observed from the state, and discourse features indicating to **topic** shift/persistence ...
Cited by 7 - Related articles - All 14 versions

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### [PDF] A dynamic **topic** model for document **segmentation**

psu.edu [PDF]

JF Canny, TL Rattenbury - ... , University of California, Berkeley, Tech. Rep, 2006 - Citeseer
... was therefore natural to ex- plore HMM-based models for text representation and topical
**segmentation**. ... Non-negative Matrix Factorization (NMF, one of the more accurate topical **clustering**
method for ... the **transition probability** of the HMM from the "forgetting" state to a new **topic**. ...
Cited by 4 - Related articles - View as HTML - All 4 versions

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### High-recall protein entity recognition using a dictionary
oxfordjournals.org [PDF]

Z Kou, WW Cohen, RF Murphy - Bioinformatics, 2005 - Oxford Univ Press
... For example, if the words 'signal recognition particle' formed a **cluster**, and the relevant protein
names ... In the usual Baum–Welch method, the **emission** matrix B and **transition** matrix A are
calculated ... GENIA dataset (http://www-tsujii.is.su-tokyo.ac.jp/~genia/**topics**/ Corpus/posintro ...
Cited by 29 - Related articles - All 13 versions

### [CITATION] Recent advances in the automatic recognition of audiovisual speech
psu.edu [PDF]

G Potamianos, C Neti, G Gravier, A Garg, AW Senior - Proceedings of the IEEE, 2003
Cited by 265 - Related articles - BL Direct - All 19 versions

### [CITATION] Speakers role recognition in multiparty audio recordings using social network analysis and duration distribution modeling
idiap.ch [PDF]

A Vinciarelli - IEEE Transactions on Multimedia, 2007
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### [PDF] A methodology for the **segmentation** and identification of music works
psu.edu [PDF]

R Miotto, N Orio - Proc. ISMIR, 2007 - Citeseer
... of **cluster** granularity, for instance at note level or accord- ing to different sources or audio classes. ...
a small number of states n for each segment, and model the durations with higher values of the
self-**transition probabilities** p. As ... 14] Reynar, J. **Topic Segmentation**: Algorithms and ...
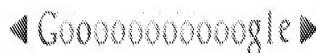Cited by 6 - Related articles - View as HTML - All 4 versions

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psu.edu [PDF]

H Xue, V Govindaraju - IEEE transactions on pattern analysis and machine ..., 2006
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